

February 4, 2013

GROUPS: ATOMIC ENERGY OF CANADA LIMITED AND CANDU ENERGY INC.

SUBJECT: SUMMARY OF JANUARY 7, 2013, PUBLIC TELECONFERENCE WITH
ATOMIC ENERGY OF CANADA LIMITED AND CANDU ENERGY INC.,
REGARDING EMERGENCY CORE COOLING SUMP STRAINER FIBRE
BYPASS TESTING (TAC NO. MC2628)

On January 7, 2013, a Category 2 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Atomic Energy of Canada Limited (AECL) and Candu Energy Inc. The purpose of the meeting was to discuss AECL's emergency core cooling sump strainer fibre (fiber) bypass testing. A list of attendees is provided as the Enclosure.

AECL presented information regarding its sump strainer fibre bypass testing (See Agencywide Documents Access and Management System (ADAMS) Accession No. ML12325A176). AECL provided details regarding its testing, including, but not limited to the following:

- Effects of test temperature, debris preparation, and debris type on fibre bypass.
- Effects of introducing single versus multiple additions of fibre debris on transient fibre bypass behavior.
- Effects of mesh size for large versus small addition(s).
- Effective use of downstream filters to quantify short-term and long-term fibre bypass.
- Establishment of a relationship between percentage of bypassed fibre and debris bed thickness.
- Occurrence of most of the fibre bypass in the short term following activation of sump pumps.

The NRC staff asked clarifying questions concerning the presentation to gain further understanding of the testing parameters and techniques. No regulatory decisions were made during the meeting.

No members of the public chose to attend the teleconference.

- 2 -

Please direct any inquiries to me at 301-415-8553, or Andrea.Russell@nrc.gov.

/RA/

Andrea Russell, Project Manager
Generic Communications Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Enclosure:
List of Attendees

cc w/encl via e-mail: Richard Moffett, Candu Energy Inc.
Qingwu Cheng, AECL

Please direct any inquiries to me at 301-415-8553, or Andrea.Russell@nrc.gov.

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Qingwu Cheng, AECL

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MYoder	EGeiger				

ADAMS Accession Nos.: PKG: ML13008A100 Meeting Notice: ML12339A015

Meeting Summary: ML13008A121 AECL Slides: ML12325A176

*via e-mail TAC MC2628 NRC-001

OFFICE	PM:DPR:PGCB	LA:DPR:PGCB*	BC:DSS:SSIB*	BC:DPR:PGCB	PM:DPR:PGCB
NAME	ARussell	CHawes	SBailey	DPelton	ARussell
DATE	1/15/2013	1/15/2013	1/29/2013	1/30/2013	2/04/2013

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**List of Participants for January 7, 2013
Public Conference Call with AECL and Candu Energy Inc.**

Name	Affiliation
Rick Dam	Candu Energy Inc.
Jason Xu	Candu Energy Inc.
Francois Cussac	Candu Energy Inc.
Moritz Mulvany	Candu Energy Inc.
Richard Moffett	Candu Energy Inc.
Qingwu Cheng	AECL
David Rhodes	AECL
Metin Yetisir	AECL
Zia Haque	AECL
Walter Hahn	AECL
Matt Horowitz	Alden Research Laboratory
Stuart Cain	Alden Research Laboratory
Brian Dannaker	AREVA
Gil Zigler	Enercon Services, Inc.
Fariba Gartland	AREVA
Tim Sande	Enercon Services, Inc.
Phillip Grissom	Southern Nuclear Operating Company
Gary Naylor	Dominion
Steve Smith	NRC
Andrea Russell	NRC
Paul Klein	NRC
Matt Yoder	NRC

Enclosure